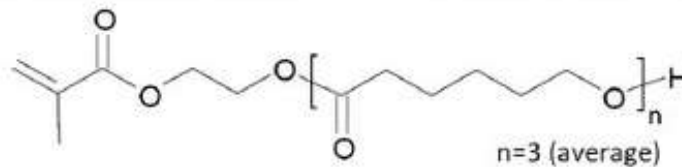


PLACCEL FM3

Epsilon-Caprolactone-modified Hydroxyalkyl Methacrylate

<Description>

PLACCEL FM3 is macromonomer having a methacrylic double bond and a primary hydroxyl group. Copolymerization with PLACCEL FM3 introduces primary hydroxyl groups in the acrylpolyol resin. These hydroxyl groups are dangling from acrylpolyol main chain via flexible polycaprolactone chain. Hence they can easily react with melamine or other hardening agents such as polyisocyanate to form crosslinking. This results in elastic and tough coating films.



<Composition / Information on Ingredients>

Chemical Name & CAS No.	Concentration & % Range	MSDS No.
Hydroxyalkyl methacrylate	81-97%	10000
Hydroxyalkyl methacrylate	13-17%	10000
Hydroxyalkyl methacrylate	2-8%	10000

Physical Properties

Item	Value	Item	Value	Item	Value	Item	Value	Item	Value
Appearance	Colorless liquid	Specific Gravity	1.05	Boiling Point	160	Flash Point	60	Refractive Index	1.45

Chemical Properties

Item	Value	Item	Value	Item	Value	Item	Value
Hydroxyl Value	100	Acid Value	0	Viscosity	1.0	Storage Stability	12 months

Please refer to our MSDS safety data sheet for information on the handling of each product.

DAICEL CORPORATION

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